

## **DETAILED ACTION**

### ***Response to Amendment***

1. Amendment filed on 08/10/2009 and Supplemental Amendment filed on 09/30/2009 have been entered.

In response to the Office Action dated 05/12/2009, Applicants have amended claims 1-8.

Claims 1-9 are now pending in the application.

### ***Claims***

2. Claims 5 and 6 amendments, filed on 09/30/2009 are considered and acknowledged. The objection to the claims have been withdrawn.

### ***Allowed Claims***

3. Claims 1-9 are allowed.

The following is a statement of reasons for the indication of allowance of claims 1 and 9/1: limitations "the housing of the multifunctional vibrating actuator includes a tab to be engaged with the cut-out portion of the bracket and is detachable from the bracket to allow the bracket to be fixed on the surface of the circuit board without the

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multifunctional vibrating actuator” in combination with other claimed limitations in independent claim 1 are not disclosed or suggested by the prior art of record.

Claim 9/1 is dependent upon claim 1.

The following is a statement of reasons for the indication of allowance of claims 2 and 9/2: limitations “the bracket including a cut-out portion, and the multifunctional vibrating actuator including a tab to be engaged with the cut-out portion of the bracket when the multifunctional vibrating actuator is mounted to the bracket, wherein the multifunctional vibrating actuator with the tab is detachable from the cut- out portion of bracket” in combination with other claimed limitations in independent claim 2 are not disclosed or suggested by the prior art of record. Claim 9/2 is dependent upon claim 2.

The following is a statement of reasons for the indication of allowance of claims 3 and 9/3: limitations “the bracket including a cut-out portion, and the multifunctional vibrating actuator including a tab to be engaged with the cut-out portion of the bracket when the multifunctional vibrating actuator is mounted to the bracket, wherein the multifunctional vibrating actuator is detachable from the bracket and is mountable to the bracket” in combination with other claimed limitations in independent claim 3 are not disclosed or suggested by the prior art of record. Claim 9/3 is dependent upon claim 3.

The following is a statement of reasons for the indication of allowance of claims 4 and 9/4: limitations “the bracket including a cut-out portion, and the multifunctional vibrating actuator including a tab to be engaged with the cut-out portion of the bracket when the multifunctional vibrating actuator is mounted to the bracket, wherein the multifunctional vibrating actuator is detachable from the bracket and is mountable on the circuit board

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using the bracket after the bracket is fixed to the circuit board” in combination with other claimed limitations in independent claim 4 are not disclosed or suggested by the prior art of record. Claim 9/4 is dependent upon claim 4.

The following is a statement of reasons for the indication of allowance of claims 5 and 9/5: limitations “the bracket including a cut-out portion, and the multifunctional vibrating actuator including a tab to be engaged with the cut-out portion of the bracket when the multifunctional vibrating actuator is mounted to the bracket, wherein the multifunctional vibrating actuator is detachable from the bracket and is mountable on the circuit board using the bracket after the bracket is fixed to the circuit board” in combination with other claimed limitations in independent claim 5 are not disclosed or suggested by the prior art of record. Claim 9/5 is dependent upon claim 5.

The following is a statement of reasons for the indication of allowance of claims 6 and 9/6: limitations “the bracket including a cut-out portion, and the multifunctional vibrating actuator including a tab to be engaged with the cut-out portion of the bracket when the multifunctional vibrating actuator is mounted to the bracket, wherein the multifunctional vibrating actuator is detachable from the bracket and is mountable on the circuit board using the bracket after the bracket is fixed to the circuit board” in combination with other claimed limitations in independent claim 6 are not disclosed or suggested by the prior art of record. Claim 9/6 is dependent upon claim 6.

The following is a statement of reasons for the indication of allowance of claims 7 and 9/7: limitations “there being a tab on the end of the housing that fits with the rim and multiple first cut-outs in the rim of the bracket that fit with the tab of the housing, the

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multiple first cut-outs being formed as a unit connected by a second cut-out lower than a height of the multiple first cut-outs, wherein the multifunctional vibrating actuator is detachable from the bracket and is mountable on the circuit board using the bracket after the bracket is fixed to the circuit board” in combination with other claimed limitations in independent claim 7 are not disclosed or suggested by the prior art of record. Claim 9/7 is dependent upon claim 7.

The following is a statement of reasons for the indication of allowance of claims 8 and 9/8: limitations “the bracket including a cut-out portion, and the multifunctional vibrating actuator including a tab to be engaged with the cut-out portion of the bracket when the multifunctional vibrating actuator is mounted to the bracket, wherein the multifunctional vibrating actuator is detachable from the bracket and is mountable on the circuit board using the bracket after the bracket is fixed to the circuit board” in combination with other claimed limitations in independent claim 8 are not disclosed or suggested by the prior art of record. Claim 9/8 is dependent upon claim 8.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yuriy Semenenko whose telephone number is (571) 272-6106. The examiner can normally be reached on 7:30am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jinhee J. Lee can be reached on (571)- 272-1977. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Y. S./

Examiner, Art Unit 2841

/Jinhee J Lee/

Supervisory Patent Examiner, Art  
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